

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for MERCURY

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cinnamomum aromaticum	Plant		60.0	2.8767265147515726	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Cinnamomum aromaticum	Bark		60.0	1.7318980549844427	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Fucus vesiculosus	Plant		40.0	1.7497033943787723	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Rhodymenia palmata	Plant		26.0	0.9607872101178122	--
Chondrus crispus	Plant		7.0	-0.10988475423634798	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Juncus effusus	Pith		1.41	1.0	--
Arctium lappa	Root		1.27	4.056631483285861	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Eucommia ulmoides	Bark		0.92	-0.5556167469042421	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Vigna unguiculata	Seed	0.0	0.58	2.901693112322827	--
Vigna unguiculata	Seed	0.0	0.58	2.901693112322827	--
Lygodium japonicum	Pollen Or Spore		0.55		--
Petroselinum crispum	Plant	0.004	0.37	-0.4834929186399312	--
Jussiaea repens	Plant		0.31	-0.48687398800104975	--
Celosia cristata	Flower		0.29	2.1438251488436184	--
Sophora angustifolia	Root		0.27	0.45915198818988173	--
Pulsatilla chinensis	Root		0.22	0.2792780134350825	--
Asiasarum heterotropoides	Root		0.19	0.17135362858220324	--
Asiasarum sieboldii	Root		0.19	0.17135362858220324	--
Oryza sativa	Seed		0.167	0.29845806205818587	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rheum rhabarbarum	Pt	0.002	0.14		--
Magnolia denudata	Flower		0.14	0.39969621419118306	--
Magnolia fargesii	Flower		0.14	0.39969621419118306	--
Magnolia kobus	Flower		0.14	0.39969621419118306	--
Bupleurum chinense	Root		0.14	-0.00852034617259573	--
Nardostachys chinensis	Rhizome		0.13	1.7048734283205331	--
Spinacia oleracea	Leaf	0.003	0.11	1.6807373133361998	ACTA AGRIC SCAND SUPPL 22: 1980
Sophora subprostrata	Root		0.11	-0.11644473102547523	--
Acanthopanax gracilistylis	Root Bark		0.11		--
Pistacia vera	Seed		0.1	-0.12385851994600533	--
Firmiana simplex	Seed		0.1	-0.12385851994600533	--
Amomum xanthioides	Seed		0.1	-0.12385851994600533	--
Juglans nigra	Seed		0.1	-0.12385851994600533	Furr, A.K., et al. 1979
Prunus dulcis	Seed	0.002	0.1	-0.12385851994600533	--
Carya illinoensis	Seed		0.1	-0.12385851994600533	--
Plantago asiatica	Plant		0.1	-0.498707730764964	--
Cocos nucifera	Seed		0.1	-0.12385851994600533	Furr, A.K., et al. 1979
Brassica oleracea var. botrytis l.	Leaf	0.002	0.09	1.1722789664445759	--
Brassica oleracea var. italica	Leaf	0.002	0.09	1.1722789664445759	ACTA AGRIC SCAND SUPPL 22: 1980
Fraxinus rhynchophylla	Bark		0.09	-0.5877534646694353	--
Notopterygium incisum	Rhizome		0.09	0.8153742483272116	--
Lycium chinense	Fruit		0.08	2.9035642160419393	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Scutellaria baicalensis	Root		0.08	-0.22436911587835454	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
Cistanche salsa	Plant		0.08	-0.49983475388533694	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Equisetum hyemale</i>	Plant		0.08	-0.49983475388533694	--
<i>Triticum aestivum</i>	Seed		0.079	-0.25622640385776685	--
<i>Zea mays</i>	Seed	0.0	0.072	-0.30034903182835404	--
<i>Vaccinium vitis-idaea</i>	Fruit	0.0	0.07	2.43646255181101	--
<i>Hordeum vulgare</i>	Sprout Seedling		0.07		Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Lycopodium clavatum</i>	Plant		0.07	-0.5003982654455232	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Albizia julibrissin</i>	Bark		0.07	-0.5885278434107653	--
<i>Anethum graveolens</i>	Plant	0.003	0.06	-0.5009617770057098	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Taraxacum mongolicum</i>	Plant		0.06	-0.5009617770057098	--
<i>Cynanchum atratum</i>	Root		0.06	-0.2963187057802742	--
<i>Broussonetia papyrifera</i>	Fruit		0.06	1.96936088758008	--
<i>Prunella vulgaris</i>	Flower		0.06	-0.5305058842901162	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Drynaria fortunei</i>	Rhizome		0.06	0.14824986333222057	--
<i>Artemisia capillaris</i>	Plant		0.05	-0.5015252885658961	--
<i>Solanum tuberosum</i>	Tuber		0.05	1.0	--
<i>Corylus avellana</i>	Seed	0.004	0.05	-0.439020148307342	--
<i>Chaenomeles lagenaria</i>	Fruit		0.05	1.5022592233491507	--
<i>Pimenta dioica</i>	Plant		0.05	-0.5015252885658961	--
<i>Cucumis sativus</i>	Fruit	0.0	0.05	1.5022592233491507	--
<i>Tetrapanax papyrifera</i>	Pith		0.05	-1.0	--
<i>Symphoricarpos orbiculatus</i>	Stem	0.0	0.05	0.7071067811865479	--
<i>Dendrobium nobile</i>	Stem		0.05	0.7071067811865479	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Daucus carota</i>	Root	0.001	0.045	-0.35028089820671393	--
<i>Vigna mungo</i>	Seed		0.045	-0.47053631114347566	--
<i>Fritillaria thunbergii</i>	Bulb		0.04	0.9999999999999998	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), <i>Kaohsiung J. Med. Sci.</i> , 4: 259-272.
<i>Pueraria pseudohirsuta</i>	Root		0.04	-0.3682682956821939	--
<i>Lactuca sativa</i>	Leaf	0.0	0.04	-0.09886690078448225	--
<i>Vigna radiata</i>	Seed		0.036	-0.5272654042485163	--
<i>Lonicera japonica</i>	Flower		0.03	-0.8793316712206032	--
<i>Areca catechu</i>	Seed		0.03	-0.5650847996518767	--
<i>Bletilla striata</i>	Tuber		0.03	-1.0	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), <i>Kaohsiung J. Med. Sci.</i> , 4: 259-272.
<i>Rubus chingii</i>	Fruit		0.03	0.5680558948872912	--
<i>Crataegus cuneata</i>	Fruit		0.03	0.5680558948872912	--
<i>Urtica dioica</i>	Leaf	0.005	0.028	-0.4039419089194562	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Apium graveolens</i>	Root	0.0	0.027	-0.41503552911844144	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Flower	0.0	0.025	-0.9374693023756843	--
<i>Pinus echinata</i>	Shoot	0.0	0.025	0.7071067811865476	--
<i>Quercus stellata</i>	Stem	0.0	0.025	-1.4142135623730945	--
<i>Juniperus virginiana</i>	Shoot	0.0	0.025	0.7071067811865476	--
<i>Pisum sativum</i>	Seed	0.001	0.024	-0.6029041950552372	--
<i>Lophatherum gracile</i>	Plant		0.02	-0.5032158232464553	--
<i>Phaseolus vulgaris</i>	Fruit	0.0	0.02	0.10095423065636192	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Dioscorea bulbifera</i>	Rhizome		0.02	-0.7412493166611009	--
<i>Malus domestica</i>	Fruit	0.0	0.02	0.10095423065636192	--
<i>Carthamus tinctorius</i>	Flower		0.02	-0.9956069335307655	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eriobotrya japonica</i>	Leaf		0.02	-0.6073252476761057	Chen, H.C. and Lin, S.M. 1988. Determination of Mineral Elements in Certain Crude Drugs (Part 1), Kaohsiung J. Med. Sci., 4: 259-272.
<i>Pyrus communis</i>	Fruit	0.0	0.019	0.05424406423326892	--
<i>Ribes uva-crispa</i>	Fruit	0.0	0.017	-0.039176268612917085	--
<i>Beta vulgaris</i>	Root	0.0	0.016	-0.45460780356449726	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Raphanus sativus</i>	Root	0.0	0.014	-0.4618027625546892	--
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	0.0	0.013	-0.7852856690881739	--
<i>Prunus domestica</i>	Fruit	0.0	0.013	-0.22601693430528877	--
<i>Vitis vinifera</i>	Fruit	0.0	0.011	-0.3194372671514748	--
<i>Sorbus aucubaria</i>	Fruit	0.001	0.011	-0.3194372671514748	--
<i>Juglans cinerea</i>	Seed		0.01	-0.6911494509964113	--
<i>Bertholletia excelsa</i>	Seed		0.01	-0.6911494509964113	Furr, A.K., et al. 1979
<i>Anacardium occidentale</i>	Seed		0.01	-0.6911494509964113	--
<i>Brassica rapa</i>	Root	0.001	0.01	-0.4761926805350732	--
<i>Alisma plantago-aquatica</i>	Rhizome		0.01	-0.9636241116594312	--
<i>Asparagus lucidus</i>	Root		0.01	-0.4761926805350732	--
<i>Brassica napus</i> var. <i>napobrassica</i>	Root	0.0	0.01	-0.4761926805350732	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Gastrodia elata</i>	Rhizome		0.01	-0.9636241116594312	--
<i>Ribes nigrum</i>	Fruit		0.01	-0.3661474335745678	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Quisqualis indica</i>	Fruit		0.01	-0.3661474335745678	--
<i>Fragaria</i> spp	Fruit	0.0	0.009	-0.4128575999976608	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Musa x paradisiaca</i>	Fruit	0.001	0.007	-0.5062779328438466	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Prunus persica</i>	Fruit	0.0	0.007	-0.5062779328438466	--
<i>Vaccinium macrocarpon</i>	Fruit	0.001	0.007	-0.5062779328438466	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Ribes rubrum</i>	Fruit	0.0	0.006	-0.5529880992669395	--
<i>Rubus chamaemorus</i>	Fruit	0.001	0.006	-0.5529880992669395	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pastinaca sativa	Root	0.001	0.002	-0.5049725164958411	--
Cichorium endivia	Leaf	0.002	0.002	-1.0649377598785665	--
Lycopersicon esculentum	Fruit	0.001	0.002	-0.7398287649593115	--
Brassica pekinensis	Leaf	0.0	0.002	-1.0649377598785665	--
Cucumis melo	Fruit	0.001	0.001	-0.7865389313824043	--
Capsicum annum	Fruit	0.001	0.001	-0.7865389313824043	--
Citrus sinensis	Fruit	0.0	0.001	-0.7865389313824043	--
Citrus reticulata	Fruit		0.001	-0.7865389313824043	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus paradisi	Fruit	0.0	0.001	-0.7865389313824043	--
Asparagus officinalis	Shoot	0.001	0.001	-1.4142135623730954	--
Rosa canina	Fruit		0.001	-0.7865389313824043	ACTA AGRIC SCAND SUPPL 22: 1980
Armoracia rusticana	Root		0.001	-0.508569995990937	ACTA AGRIC SCAND SUPPL 22: 1980
Allium cepa	Bulb		0.001	-1.0	--
Vaccinium myrtillus	Fruit		0.001	-0.7865389313824043	ACTA AGRIC SCAND SUPPL 22: 1980
Solanum melongena	Fruit	0.001	0.001	-0.7865389313824043	--
Senna obtusifolia	Seed				--
Arachis hypogaea	Seed				--